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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): Vaughn Mower

SERIAL NO.: 09/996,329

ART UNIT: 2634

FILING DATE: November 28, 2001

EXAMINER: Linda Wong

TITLE: METHOD AND APPARATUS FOR DETECTING AND  
CHARACTERIZING INTERFERENCE SIGNALS IN WIDEBAND  
COMMUNICATIONS CHANNELSATTORNEY DOCKET NO.: SL-080 528-009769  
US(PAR)Mail Stop Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## RESPONSE

## I. INTRODUCTION

This is in response to the Office Action mailed August 8, 2005 in regard to the above-identified patent application. Reconsideration of the rejection of the claims is respectfully solicited in light of the following amendment and remarks.

## II. REMARKS

## Status of the Claims

Claims 1-12 are presented for further consideration.

## Summary of the Office Action

Claims 1 and 7 stand rejected on the basis of the cited reference Culpepper, et al, U.S. Patent No. 5,657,026, in view of the reference Weinberg, et al, U.S. Patent No. 5,144,642. Claims 2 and 8 stand rejected under 35USC103(a) on the basis of the cited references